

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	119305	constant near1 current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/27 15:17
L2	445921	first and data and signal and controller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/27 15:17
L3	173501	data near3 controller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/27 15:17
L4	9344557	first same1 switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/27 15:17
L5	108271	second near1 switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/27 15:18
L6	129360	shift near1 register	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/27 15:18
L7	2	"line pass controller"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/27 15:19
L8	3871	sixth near1 switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/27 15:19

## EAST Search History

L9	105990	mosfet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/27 15:19
L10	10437	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/27 15:24
L11	85692	"345"/\$5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/27 15:24
L12	2218	345/76.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/27 16:05
L13	0	"wherein the first data signal controller circuit includes: a fifth switching device connected between the cell drive voltage source and the second switch; a first capacitor connected between".clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/27 16:05
L14	0	"a plurality of constant current supply switching devices having gate terminals connected to a cell drive voltage source for applying the substantially uniform current to the data lines".clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/27 16:06
L15	0	"a second switch connected between the first data signal controller circuit and the second data signal controller circuit for providing a current path between the first data signal controller".clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/27 16:07
L16	0	"wherein at least one of the switching devices is provided as a p-type metal oxide semiconductor field effect transistor".clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/27 16:07
L17	36	((JUHN) near2 (YOO)).INV.	US-PGPUB; USPAT	OR	ON	2007/11/27 16:37

## EAST Search History

L18	1	10/698,400	US-PGPUB; USPAT	OR	ON	2007/11/27 16:34
L19	450	12 and 1	US-PGPUB; USPAT	OR	ON	2007/11/27 16:34
L20	451	12 and 2	US-PGPUB; USPAT	OR	ON	2007/11/27 16:35
L21	112	19 and 20	US-PGPUB; USPAT	OR	ON	2007/11/27 16:36
L24	2	("20020005825").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/27 16:38
L25	2	("2002/0005825").URPN.	USPAT	OR	ON	2007/11/27 16:38
L26	11	("20010017610"   "20010024186"   "20020005825"   "20020044124"   "20020149553"   "20030160751"   "4781438"   "5453857"   "5844535"   "6417825").PN. OR ("6825822"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/27 16:38
L27	11	("20010017610"   "20010024186"   "20020005825"   "20020044124"   "20020149553"   "20030160751"   "4781438"   "5453857"   "5844535"   "6417825").PN. OR ("6825822"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/27 16:40
L28	20	("2001/0024186").URPN.	USPAT	OR	ON	2007/11/27 16:40
L29	1	("2001/0017610").URPN.	USPAT	OR	ON	2007/11/27 16:42
L30	3	17 and 11	USPAT	OR	ON	2007/11/27 16:42
S1	2	"20040090400"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 18:12
S2	2021	345/76.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 09:09
S3	1294	data near1 signal near1 controller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 12:29

## EAST Search History

S5	7643	uniform near1 current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 17:16
S6	2	"20040212561"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 18:13
S7	5	data near1 signal near1 controller near1 circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 12:40
S8	2033	345/76.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 12:40
S9	292	current near1 mirror and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 12:53
S10	2	("20040090400").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/10 12:50
S11	288	S8 and (shift near1 register) and (latch or storage) and switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 13:54
S12	17	line near1 pass near1 controller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 13:55

## EAST Search History

S13	2	"line pass controller"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 13:55
S16	5	switch and S8 and (fifth near1 switch) and (latch or storage) and ("shift register")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 14:25
S18	0	(reduce near1 data near1 driver) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 14:27
S19	130348	switching near1 device	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 14:28
S20	221	switching near1 device and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 14:28
S21	0	("2003/0098828").URPN.	USPAT	OR	ON	2007/06/10 14:31
S22	4	((("20020033783") or ("6734636")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/10 14:32
S23	344	345/76.ccls. and latch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 09:21
S24	3	((("6724151") or ("7227184")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/11 09:54

## EAST Search History

S25	5797	switch and "shift register" and controller and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 12:55
S26	2033	345/76.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 09:58
S27	99	switch and "shift register" and controller and capacitor and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 10:07
S28	2	("2002/0005825").URPN.	USPAT	OR	ON	2007/06/11 11:43
S29	1	"7109961"	USPAT	OR	ON	2007/06/11 11:43
S30	22	("20010017609"   "20010040469"   "20020024362"   "20020047733"   "20020130683"   "20030012330"   "20040004593"   "20040061542"   "20040257117"   "5136622"   "5883798"   "5936459"   "6057823"   "6072345"   "6114907"   "6232795"   "6252426"   "6275210"   "6563744"   "6593920"   "6603453"   "6759701").PN. OR ("7109961").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:55
S31	95	"shift register" and "data storage" and oled	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:09
S32	22	("20010017609"   "20010040469"   "20020024362"   "20020047733"   "20020130683"   "20030012330"   "20040004593"   "20040061542"   "20040257117"   "5136622"   "5883798"   "5936459"   "6057823"   "6072345"   "6114907"   "6232795"   "6252426"   "6275210"   "6563744"   "6593920"   "6603453"   "6759701").PN. OR ("7109961").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:38
S33	2	("5791966").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/11 12:38

## EAST Search History

S34	27	("2746756"   "2794298"   "3278182"   "4470044"   "4562516"   "4563160"   "4925424"   "5036442"   "5041947"   "5045016"   "5145444"   "5190491"   "5356328"   "5406300").PN. OR ("5791966").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:38
S35	51	("3737722"   "3737731"   "3806131"   "3846784"   "3893149"   "3945646"   "3984674"   "3986144"   "4161018"   "4264845"   "4308572"   "4338547"   "4462044"   "4470044"   "4602191"   "4782336"   "5027112"   "5036442"   "5057827"   "5079679"   "5081568"   "5121146"   "5148310"   "5194706").PN. OR ("5406300").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:46
S36	278	switch and "shift register" and controller and capacitor and oled	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 12:56
S37	238	switch and "shift register" and controller and capacitor and oled and tft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 12:56
S38	92	switch and "shift register" and controller and capacitor and oled and tft and ((constant or consistent) near1 current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 12:57
S39	2	("20040090400").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/11 13:35
S40	0	uniform near1 current and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 14:29

## EAST Search History

S41	7651	uniform near1 current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 14:29
S42	11	uniform near1 current and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 14:30
S43	4	("6586888"   "6747417"   "6924601"   "6992647").PN. OR ("7180513"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 14:31
S44	36	("20010048410"   "20020057244"   "20020135309"   "20030048669"   "20030128199"   "20030128200"   "20030156102"   "20030169250"   "20040085270"   "20040174282"   "20040207578"   "20040222985"   "20050001794"   "5041823"   "5138310"   "5266936"   "5953003"   "6091203"   "6201822"   "6222357"   "6229506"   "6310589"   "6331844"   "6344843"   "6369516"   "6373454"   "6473064"   "6501466"   "6552702"   "6714091"   "6788231"   "6809320"   "6876350"   "6937233"   "6963336"   "6999048").PN. OR ("7193619").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 14:45
S45	2	("2002/0005825").URPN.	USPAT	OR	ON	2007/06/11 15:03
S46	2	("6744414").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/11 15:03
S47	9	("6091203"   "6380689"   "6417825"   "6448718"   "6496168").PN. OR ("6744414").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 15:48
S48	10	line near1 pass near1 controller	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 15:49



## EAST Search History

S49	96	((("5319395") or ("6249824") or ("5784366") or ("5909435") or ("5877742") or ("5303393") or ("5365516") or ("5526357") or ("5764691") or ("5894494") or ("5999562") or ("6072185") or ("6237122") or ("5507024") or ("5805155") or ("5848072") or ("6181609") or ("4455483") or ("5177796") or ("5274508") or ("5321699") or ("5386422") or ("5388074") or ("5469444") or ("5481531") or ("5506965") or ("5684774") or ("5841717") or ("5917429") or ("6178121") or ("6243348") or ("4415792") or ("4451108") or ("4502082") or ("4796260") or ("4972474") or ("5280584") or ("5377102") or ("5382508") or ("5440686") or ("5477492") or ("5511212") or ("5537945") or ("5561671") or ("5583975") or ("5657398") or ("5684693") or ("5724241") or ("5742509"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 15:35
S50	7658	uniform near1 current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 15:35
S51	35	(uniform near1 current) and 345/76.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:00
S52	0	(current near1 (doesn't) near1 vary) and 345/76.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 16:02
S53	30	("5748026"   "6091203"   "6229506"   "6304304").PN. OR ("6580408").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 16:06
S54	2	("20020005825").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 09:45

## EAST Search History

S55	2	("20040090400").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 09:53
-----	---	---------------------	---	----	-----	------------------